

CGS | CGS RL73

TE Internal #: 1-1879458-8

51 Ω , Thick Film, Current Sensing Resistor, 1 %, 2 Termination,

0201, Taped & Reeled, .05 W, ±300 ppm/°C, Solder, .58 x .29 x .23

mm, CGS RL73

View on TE.com >



Passive Components > Resistors > Surface Mount Resistors > Thick Film Resistor: Current Sense



Resistor Type: Current Sensing Resistor

Number of Terminations: 2
Package Size Code: 0201

Packaging Method: Taped & Reeled
Passive Component Tolerance: 1 %

All Thick Film Resistor: Current Sense (796)

Features

Product Type Features

Troduct Type realures	
Product Type	Fixed Resistor
Resistor Type	Current Sensing Resistor
Package Size Code	0201
Element Type	Thick Film
Configuration Features	
Number of Resistors	1
Electrical Characteristics	
Passive Component Tolerance	1 %
Resistance Class	Up to $1k\Omega$
Resistance Value	51 Ω
Power Rating	.05 W
Termination Features	
Number of Terminations	2
Surface Mount Resistor Termination Type	Solder
Dimensions	

.58 x .29 x .23 mm

Passive Component Dimensions



Usage Conditions

Temperature Coefficient	±300 ppm/°C
Packaging Features	
Packaging Method	Taped & Reeled

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
EU ELV Directive 2000/53/EC	Not Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2022 (224) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Reflow solder capable to 260°C

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

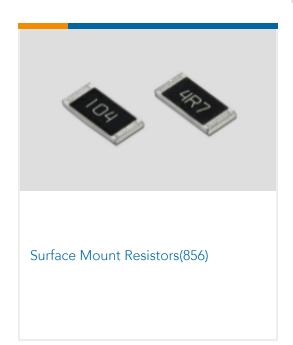
Compatible Parts







Also in the Series | CGS RL73



Customers Also Bought









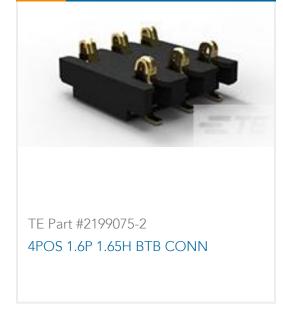












Documents

Product Drawings
RL73N 1H R51 1% 5K RL

English

CAD Files

3D PDF

3D

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Customer View Model

ENG_CVM_CVM_1-1879458-8_BA.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-1879458-8_BA.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1879458-8_BA.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

SMD Low Ohmic Current Sense Resistors - Type RL73 Series

English

Product Environmental Compliance

Product Compliance

English

Product Compliance

English